

DECLARATION FOR PATENT APPLICATION AND APPOINTMENT OF ATTORNEY

As a below-named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or and original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention (Design, if applicable) entitled

Verifier and Method for Unknown Spacing Rule Checking

the specification of which (check one):

- ☒ is attached hereto.
- ☐ was filed on _____ as Application Serial No. _____.
- ☐ Was filed on _____ as International Application (PCT) No. _____, and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with *Title 37, Code of Federal Regulations, § 1.56*. I hereby claim foreign priority benefits under *Title 35, United States Code § 119* of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which the priority is claimed.

PRIOR FOREIGN APPLICATION(S)

| NUMBER | COUNTRY | DAY/MONTH/YEAR FILED | PRIORITY CLAIMED | |
|--------|---------|----------------------|------------------------------|-----------------------------|
| | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under *Title 35, United States Code, § 120* of any United States application(s) or PCT international application(s) designating The United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of *Title 35, United States Code, § 112*, I acknowledge the duty to disclose material information as defined in *Title 37, Code of Federal Regulations, § 1.56* which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

| APPLICATION NUMBER | FILING DATE | STATUS (Patented, Pending or Abandoned) |
|--------------------|-------------|---|
| | | |
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under *Section 1001 of title 18 of the United States Code*, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I (We) hereby appoint as my (our) attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Allan M. Lowe, Registration Number 19,641; Benjamin J. Hauptman, Registration Number 29,310; Michael G. Gilman, Registration Number 19,114; Kenneth M. Berner, Registration Number 37,093; and Randy A. Noranbrock, Registration Number 42,940.

Send Correspondence to: **LOWE HAUPTMAN GILMAN** TELEPHONE CALLS TO:
& BERNER, LLP

US92129/PT


1700 Diagonal Road, Suite 310


Benjamin J. Hauptman

Alexandria, Virginia 22314

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I hereby authorize the U.S. attorneys and agents named herein to accept and following instructions from Hitek International Patent and Trademark Office as to any actions to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys will be so notified by the undersigned.

| | |
|--|--|
| Full Name of First Inventor : Hsin-Pang LU | Citizenship : TAIWAN R.O.C. |
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| State or Country : TAIWAN R.O.C. ZIP : | State or Country : TAIWAN R.O.C. ZIP : |
| DATE : OCT 20 2003 | SIGNATURE :  |

| | |
|--|--|
| Full Name of Second Inventor CHUNG-HAO CHENG | Citizenship TAIWAN R.O.C. |
| Residence Address : 8F, No. 9, LANE 23, CHIN-SHAN ST., CHUNG-LI CITY, TAO-YUANG, TAIWAN R.O.C. | Post Office Address : 8F, No. 9, LANE 23, CHIN-SHAN ST., CHUNG-LI CITY, TAO-YUANG, TAIWAN R.O.C. |
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| DATE : OCT 20 2003 | SIGNATURE :  |

DOCKET NO. 4425-325

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

| | |
|--|---|
| <p>1. Name of conveying party(ies):</p> <p>1. Hsin-Pang LU</p> <p>2. Chung-Hao CHENG</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: UNITED MICROELECTRONICS CORP.</p> <p>Street Address: No. 3, Li-Hsin Rd. 2, Science-Based Industrial Park</p> <p>City: Hsin-Chu City</p> <p>State: Taiwan</p> <p>Country: R.O.C.</p> |
| <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> | <p>Execution Date: October 20, 2003</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |



4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: *October 20, 2003*

| | |
|------------------------------|------------------|
| A. Patent Application No(s). | B. Patent No(s). |
|------------------------------|------------------|

Additional numbers attached? ☐ Yes ☒ No

| | |
|---|--|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: LOWE HAUPTMAN GILMAN & BERNER</p> <p>Internal Address:</p> <p>Street Address: 1700 Diagonal Road, Suite 300</p> <p>City: Alexandria State: VA Zip: 22314</p> | <p>6. Total number of applications and patents involved: one</p> <p>7. Total fee (37 CFR 3.41). \$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Credit Card payment form enclosed</p> <p>8. Deposit account number: 07-1337</p> |
|---|--|

DO NOT USE THIS SPACE

9. Signature.

| | | |
|--|------------------|-------------------------------------|
| <p>Randy A. Noranbrock, 42,940</p> <p>Name of Person, Registration No.</p> | <p>Signature</p> | <p>November 5, 2003</p> <p>Date</p> |
|--|------------------|-------------------------------------|

Total number of pages including cover sheet, attachment, and document: **2**

CMB No. 0851-0011 (exp. 4/94)

Docket No.:

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Hsin-Pang LU

(2) Chung-Hao CHENG

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

United Microelectronics Corp.

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

VERIFIER AND METHOD FOR UNKNOWN SPACING RULE CHECKING

[a] for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

[b] for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside our signatures:


INVENTORS

(1)



Name: Hsin-Pang LU

(2)



Name: Chung-Hao CHENG

DATE SIGNED

OCT 20 2003**OCT 20 2003**